

Certificate of Analysis

Date of Testing: 2023-12-12 11:07:45
Date of Next Testing: 2027-12-11 11:07:45
Product Name: **Ethylenediaminetetraacetic acid disodium salt dihydrate**
CAS Number: 6381-92-6
Specifications & Purity: Guaranteed Reagent, 99%
Lot #: L2306340
SKU #: **E116429**
Analysis: **299685**

| Parameter | Limit Values | Result |
|---|-----------------------|-----------------------|
| Iron(Fe) | 0-0.0005 (%) | 0.00 % |
| Copper(Cu) | 0-0.00025 (%) | 0.00 % |
| Heavy metal (as Pb) | 0-0.001 (%) | 0.00 % |
| Nitrilotriacetic acid(C ₆ H ₉ NO ₆) | 0-0.05 (%) | 0.01 % |
| Chloride (Cl ⁻) | 0-0.004 (%) | 0.00 % |
| Sulfate(SO ₄ ²⁻) | 0-0.01 (%) | 0.01 % |
| Assay | 99-100 (%) | 99.64 % |
| Complexation test | pass | Pass |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |
| Solubility in Water | Pass | Pass |
| Clarity of solution | Pass | Pass |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager